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Regulations for construction of communications system in metal and nonmetal underground mine

金属非金属地下矿山通信联络系统建设规范

(English Translation)

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Regulations for construction of communications system in metal and nonmetal underground mine

1 Scope

This standard specifies the installation, maintenance and management requirements of communications system in metal and nonmetal underground mine.

This standard is not applicable to metal and nonmetal underground mine coexisting and associated with coal.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

GB 14161-2008 *Mine safety signs*
GB 16423-2006 *Safety regulations for metal and nonmetal mines*

3 Terms and definitions

3.1
communication system
system that achieves communication through sending and receiving communication signals in various links such as production, scheduling, management, and rescue, including wire communication system and wireless communication system

3.2
wire communication system
communication system for information exchange through cables

3.3
wireless communication system
communication system that interacts information through free space

4 Construction requirements

4.1 Wire communication system shall be built and improved in metal and non-metal underground mines according to the actual needs of safety and risk avoidance; it should build a wireless communication system as a supplement to the wire communication system.

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